

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov



CONFIRMATION NO. 3585

SERIAL NUMBER 10/643,164	FILING DATE 08/18/2003 RULE	(CLASS GF 708		GROUP ART UNIT 2193		ATTORNEY DOCKET NO. 102323-0130	
APPLICANTS Jonathan E. Greene, Great Barrington, MA; ** CONTINUING DATA **********************************								

IF REQUIRED, FOREIGN FILING LICENSE GRANTED ** 11/11/2003								
be USC 119 (a.d.) conditions met					HEETS	ETS TOTAL		INDEPENDENT
Verified and Acknowledged Verified and Acknowledged COUNTRY				DR	RAWING CLAIMS		CLAIMS	
ADDRESS 021125 NUTTER MCCLENNEN & FISH LLP WORLD TRADE CENTER WEST 155 SEAPORT BOULEVARD BOSTON , MA 02210-2604								
TITLE Methods and apparatus for fast fourier transforms								
			All Fees 1.16 Fees (Filing)					
FILING FEE FEE	FEES: Authority has been given in Paper No to charge/credit DEPOSIT ACCOUNT				1.17 Fees (Processing Ext. of time)			
	No for following:				1.18 Fees (Issue)			
				Other				
<u> </u>					Credit			